

Title (en)

EDGE CARD CONNECTOR WITH KEYING MEANS FOR PROPER CONNECTION

Title (de)

RANDKARTENVERBINDER MIT SCHLÜSSELMITTELN FÜR ORDNUNGSGEMÄSSE VERBINDUNGEN

Title (fr)

CONNECTEUR DE BORD DE CARTE AVEC DES MOYENS D'INSERTION DESTINES A UNE CONNEXION APPROPRIEE

Publication

EP 1782509 A1 20070509 (EN)

Application

EP 05770781 A 20050707

Priority

- US 2005024476 W 20050707
- US 58648804 P 20040707

Abstract (en)

[origin: US2006009080A1] A surface mount connector for high speed data transfer application has an insulative housing with a circuit card-receiving slot disposed along a front face thereof. A plurality of conductive terminals are supported by the housing so that contact portions of the terminals extend into the card slot. The terminals are supported on opposite faces of the connector housing, specifically the top and bottom faces thereof, and each of the terminals includes a tail portion, a contact portion and a retention portion that engages the connector housing so that the contact portions are cantilevered in their extent within the housing. The housing includes a hollow recess formed on its bottom that opens to the front of the connector housing. This recess serves as a keyway that may receive a male portion of an opposing mating connector to ensure the mating connector is oriented properly before engagement.

IPC 8 full level

H01R 12/71 (2011.01); **H01R 13/64** (2006.01)

CPC (source: EP US)

H01R 12/725 (2013.01 - EP US); **H01R 12/57** (2013.01 - EP US); **H01R 12/721** (2013.01 - EP US); **H01R 13/64** (2013.01 - EP US)

Citation (search report)

See references of WO 2006010098A1

Designated contracting state (EPC)

DE FR GB IE NL

DOCDB simple family (publication)

US 2006009080 A1 20060112; **US 7198519 B2 20070403**; CN 101032060 A 20070905; CN 101032060 B 20100825; EP 1782509 A1 20070509; TW 200707853 A 20070216; TW I289374 B 20071101; US 2007173127 A1 20070726; WO 2006010098 A1 20060126

DOCDB simple family (application)

US 17647405 A 20050707; CN 200580030079 A 20050707; EP 05770781 A 20050707; TW 94127325 A 20050811; US 2005024476 W 20050707; US 71725207 A 20070313